

**Abstract**

A plurality of conductors are deposited on a layer of dielectric that is positioned above a first ground shield. A mound of dielectric is then

5 deposited over each conductor. Thereafter, a second ground shield is deposited over the mounds of dielectric. Quasi-coax transmission lines are thereby formed. The conductors deposited "under" the mounds of dielectric may be deposited at a greater density than conductors encapsulated "within" mounds of dielectric. Additional shielding of the conductors may be provided,

10 for example, by coupling the first and second ground shields by means of conductive vias in the layer of dielectric.